

**WRITTEN OPINION OF THE  
INTERNATIONAL SEARCHING  
AUTHORITY (SEPARATE SHEET)**

International application No.

PCT/GB2005/002272

**Re Item V.**

- 1 Reference is made to the following documents:
  - D1 : DE 39 16 759 A1 (KOYEMANN WERKZEUGE GMBH & CO, 4006 ERKRATH, DE) 14 December 1989 (1989-12-14)
  - D3 : US 5 447 517 A (STEEN ET AL) 5 September 1995 (1995-09-05)
- 2 Document D1, which is considered to represent the most relevant state of the art, discloses (the references in parentheses applying to this document):

A cutting tool adjustment system comprising a body (1) for adjustably holding a cutting tool, adjustment means (Allen key for turning screw 6 is implicit) mechanically releasably engageable with the body for positionally adjusting a cutting edge of the cutting tool.

From this, the subject-matter of independent claim 1 differs by the following additional features: means electronically releasably engageable with the body and including power supply means for at least powering means providing information as to adjustment made, in use, to said cutting edge position by said adjustment means.

  - 2.1 The subject-matter of claim 1 is therefore novel (Article 33(2) PCT)
  - 2.2 Furthermore, it allows for a quick and precise set-up, as further detailed on pages 1 and 2 of the description. The electronic connection between body and the power supply/means for providing information imply an electronic position sensor in the body.
  - 2.3 Since the proposed solution is not rendered obvious by available prior art, the subject-matter of claim 1 involves an inventive step, Art. 33(3) PCT. D3 also discloses a cutting tool electronic adjustment system with a sensor in the tool body. However the adjustment means are not engageable with the body as they are part of it. The power supply and the means for powering means providing information are not

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engageable with the body.

- 2.4 Claims 2-35 are dependent on claim 1 and as such also meet the requirements of the PCT with respect to novelty and inventive step.
- 2.5 The subject-matter of the application has industrial use.

**Re Item VII**

Contrary to the requirements of Rule 5.1(a)(ii) PCT, the relevant background art disclosed in the documents D1 and D3 is not mentioned in the description, nor are these documents identified therein.